

Reference List 15-464 / 15-664 Feb 13, 2017

We began with the SMPL paper:

Loper M, Mahmood N, Romero J, Pons-Moll G, Black MJ. SMPL: A skinned multi-person linear model. ACM Transactions on Graphics (TOG). 2015 Nov 4;34(6):248.
<http://smpl.is.tue.mpg.de/>

We then looked at this follow-up paper on expressing body shape using words:

Streuber S, Quiros-Ramirez MA, Hill MQ, Hahn CA, Zuffi S, O'Toole A, Black MJ. Body talk: Crowdshaping realistic 3D avatars with words. ACM Transactions on Graphics (TOG). 2016 Jul 11;35(4):54.
<https://ps.is.tuebingen.mpg.de/publications/streuber-siggraph-2016>

Finally, we discussed this system for editing motion capture data in an intuitive way:

Choi B, Lewis JP, Seol Y, Hong S, Eom H, Jung S, Noh J. SketchiMo: sketch-based motion editing for articulated characters. ACM Transactions on Graphics (TOG). 2016 Jul 11;35(4):146.
<http://dl.acm.org/citation.cfm?id=2925970>